

Title (en)
Main drive for upsetting press.

Title (de)
Stauchpressenhauptantrieb.

Title (fr)
Entraînement principal pour press à refouler.

Publication
EP 0629455 A1 19941221 (DE)

Application
EP 94109153 A 19940615

Priority
DE 4320213 A 19930618

Abstract (en)
In order to save energy in the main drive of upsetting presses, the proposal is to arrange in the feed circuit of the hydraulic press cylinder a pressure-medium accumulator which is charged during the return stroke of the press and helps to drive the press tool during its advance.

Abstract (de)
Um beim Hauptantrieb von Stauchpressen Energie einzusparen, wird vorgeschlagen, in den Vorschubkreis des hydraulischen Preßzylinders einen Druckmittelspeicher anzuordnen, der beim Rückhub der Presse geladen wird und beim Vorschub des Preßwerkzeuges zum Antrieb mit herangezogen wird.

IPC 1-7
B21B 15/00; **B21J 9/12**; **B21J 9/20**; **B21J 7/18**; **B30B 15/16**

IPC 8 full level
B21B 1/02 (2006.01); **B21B 15/00** (2006.01); **B21J 1/04** (2006.01); **B21J 7/18** (2006.01); **B21J 9/12** (2006.01); **B21J 9/20** (2006.01); **B21J 13/00** (2006.01); **B30B 1/34** (2006.01); **B30B 15/16** (2006.01); **B30B 15/20** (2006.01); **B30B 15/22** (2006.01)

CPC (source: EP KR US)
B21B 15/0035 (2013.01 - EP US); **B21J 9/12** (2013.01 - EP US); **B30B 11/22** (2013.01 - KR); **B30B 15/16** (2013.01 - EP US); **B30B 15/163** (2013.01 - EP US)

Citation (search report)
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